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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/075,832	02/12/2002	Kern W. Wong	P05085	9012

7590

09/17/2003

Docket Clerk
P.O. Drawer 800889
Dallas, TX 75380

EXAMINER

KOBERT, RUSSELL MARC

ART UNIT

PAPER NUMBER

2829

DATE MAILED: 09/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/075,832

Applicant(s)

WONG, KERN W.

Examiner

Russell M Kobert

Art Unit

2829

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

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1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-5, 7-11, 13-17, 19 and 20 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Nevill (4926117) or Janum (4945302) or Nevill (6114868) or Leung, Jr. (6157201).

3. Claims 1-20 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Blandin (4782291) or Amemiya (6169409).

4. Claims 1-5, 7-11, 13, 15-17, 19 and 20 are rejected under 35 U.S.C. 102(b) as being anticipated by Sauerland (5451884).

Suaerland anticipates an apparatus for socketing and testing integrated circuits comprising:

an air machine (col 6, ln 5-15); and

a housing comprising a universal printed circuit board (40) that is operable to receive a device under test (10), a controller (32) that is operable to control testing of the received device under test, and a power supply (inherent characteristic of controller 32);

wherein said air machine is associable with said housing to form an at least substantially air-tight chamber (18) ensconcing the received device under test as recited in claims 1, 2 and 13.

As to claims 3 and 15 having the printed circuit board circular shaped (see Figure 6, item 40) is shown.

As to claims 4 and 16 having I/O connectors (42 and 44) placed circumferentially and symmetrically near the edge of the printed circuit board is anticipated.

As to claims 5 and 17 having a leadless socket (col 5, ln 23-26, 42-45) is anticipated.

As to claim 19 having the device under test to be one of a RF integrated circuit and a high-frequency integrated circuit is not considered to further limit the invention as described in claims 1 and 13. (The invention is limited to the apparatus for socketing and testing.)

As to claim 20 having a leadless socket to be self-registering is considered an inherent characteristic of Sauerland and the methods described in claims 7-11 are considered the inherent methods of using the apparatus of Suaerland.

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

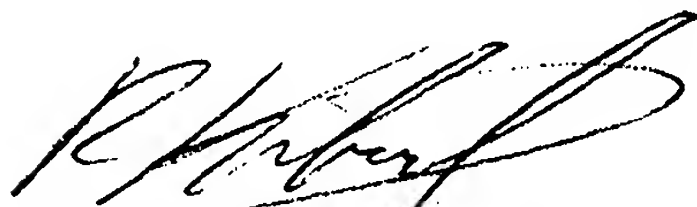
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Holderfield et al (4962355), Nobi (5086269), Schneider (5331273), Leas et al (5929651) and Farnworth et al (5952840) show an apparatus for socketing and testing integrated circuits using an air machine.

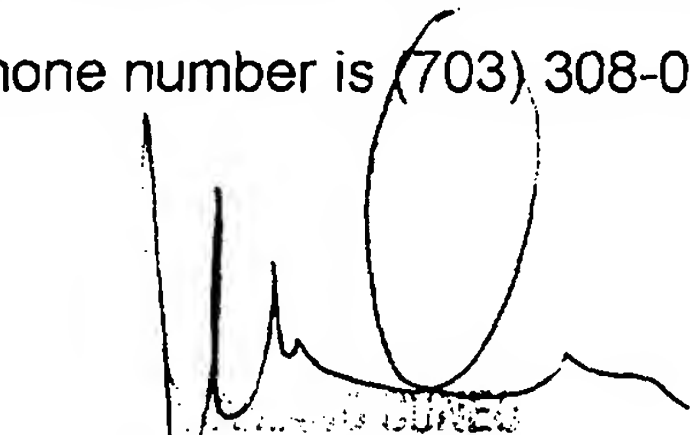
6. A shortened statutory period for response to this action is set to expire three month(s) from the date of this letter. Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Russell Kobert whose telephone number is (703) 308-5222.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0956.



Russell M. Kobert
Patent Examiner
Group Art Unit 2829
August 27, 2003



RUSSELL M. KOBERT
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